





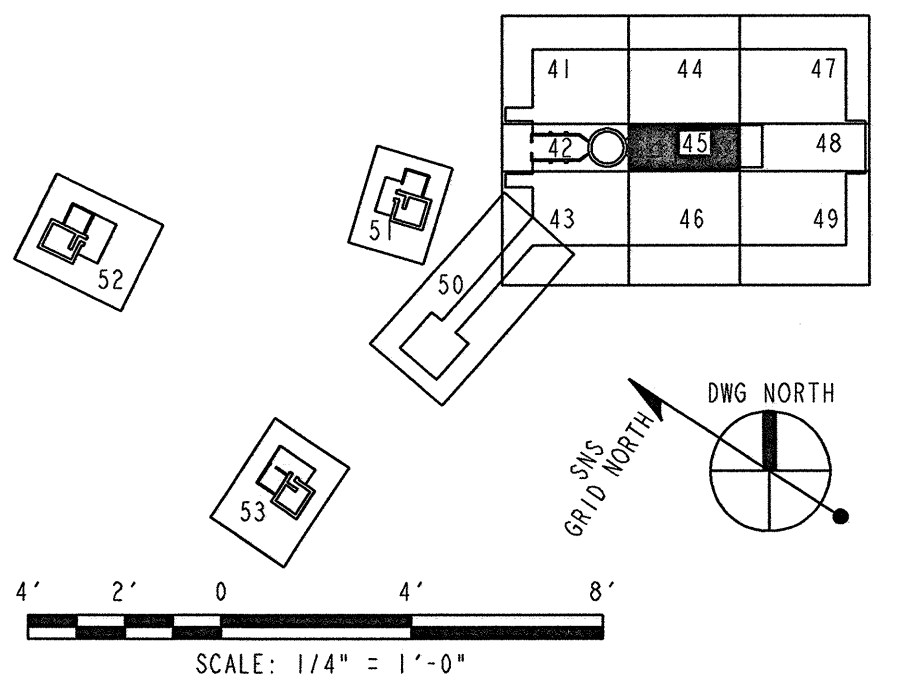
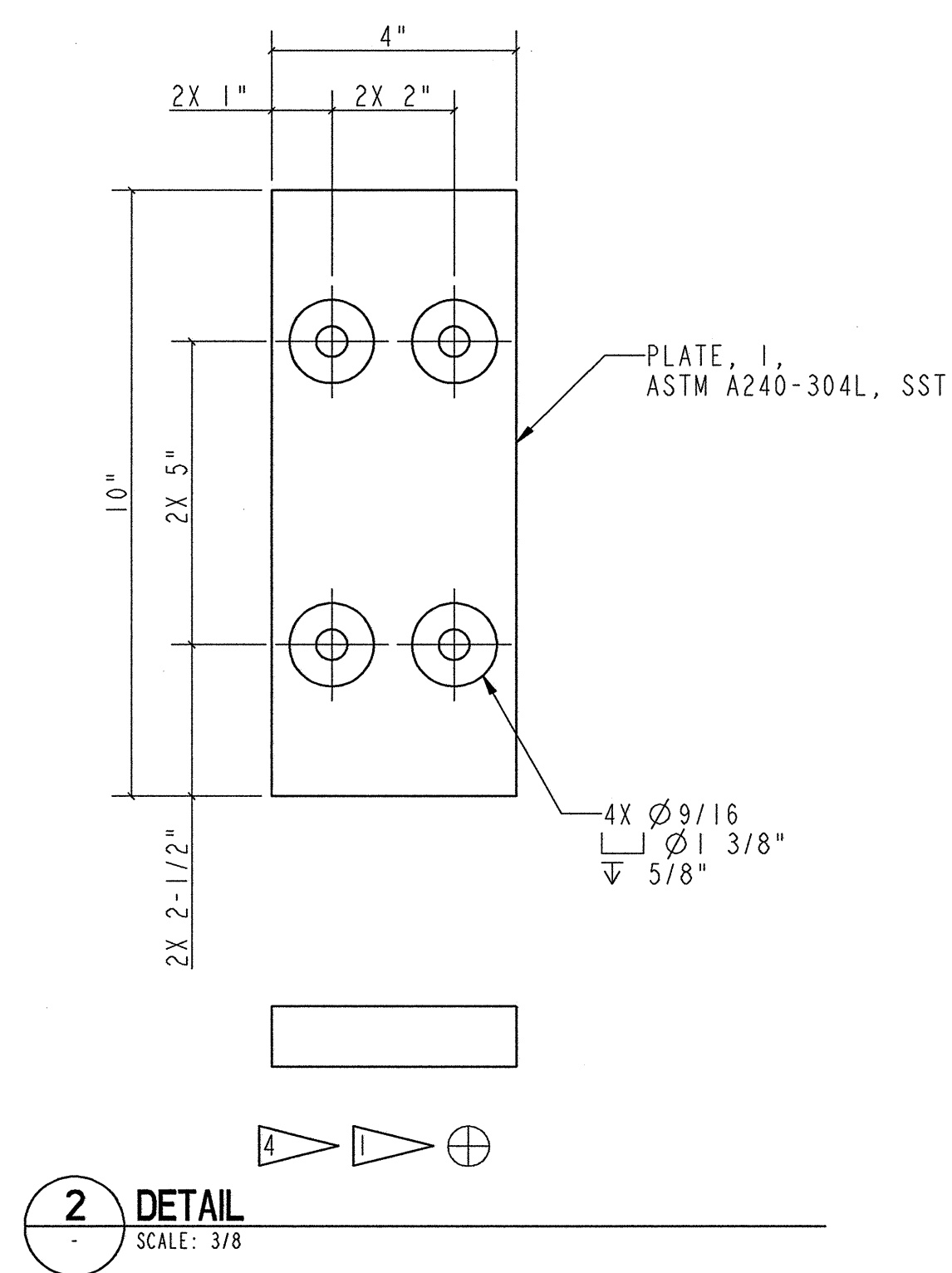
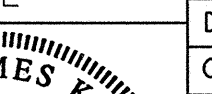
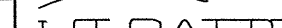
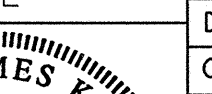
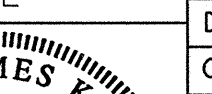


1.  COMPONETS MAY NOT BE MADE WITHOUT THE PROPER AUTHORITY. ALL LINER PANELS, ANCHORS, AND PLATES ARE SAFETY SIGNIFICANT COMPONENTS.
2. INSTALL AND INSPECT CRANE RAIL BASEPLATES PRIOR TO INSTALLING ANY LINER PANELS AT THE MEZZANINE LEVEL.
3. LAYOUT THE BASEPLATES END-TO-END ON THE HIGH BAY FLOOR TO LOCATE JOINT CENTERLINES. MARK THE JOINT CENTERLINES ON THE CONCRETE SHELVES.
4.  ANCHOR A WELD PLATE TO THE CONCRETE BENEATH EACH JOINT CENTERLINE. ANCHOR WELD PLATE BETWEEN JOINT CENTERLINES TO ENSURE THAT THE RAILS SPAN NO MORE THAN FOUR FEET IN ANY LOCATION. USE 1/2 HILTI HAS-E THREADED ROD ANCHORS AND HILTI HIT HY 150 ADHESIVE; RODS SHALL BE EMBEDDED A MINIMUM OF 3 INCHES.
5.  WELD PLATES SHALL BE AT THE PROPER ELEVATION PLUS OR MINUS 1/16 INCH. USE ONLY FULL DIMENSION SHIMS TO ESTABLISH ELEVATION SINCE THE ANCHORS WILL NEED TO BE TORQUED PRIOR TO GROUTING.
6.  THE WELD PADS WILL NOW PROVIDE A LEVEL SURFACE FOR CRANE RAIL INSTALLATION. SET THE CRANE RAILS ON THE WELD PADS AND POSITION THEM IN ACCORDANCE WITH THE DIMENSIONS SHOWN. TACK WELD THE RAIL SECTIONS TO EACH OTHER AND TO THE WELD PADS. SEE DRAWING NO. J8.10.30 FOR CLARIFICATION.
7. CONFIRM THE BASEPLATE LOCATIONS AFTER ALL TACK WELDING IS COMPLETE. VERIFY THAT THE BASEPLATES ARE WITHIN LEVEL TOLERANCES BETWEEN WELD PLATES. FINISH LAYING THE BASEPLATE SECTIONS TO EACH OTHER AND TO THE WELD PLATES AS SHOWN. NOTE THAT THE JOINTS BETWEEN THE BASEPLATE SECTIONS NEED TO BE SEAL WELDED.
8.  INSTALL PLATES BETWEEN EACH VERTICAL EMBED AND THE BASEPLATE AS SHOWN. THESE PLATES WILL ACCOMMODATE FUTURE LINER PANEL INSTALLATION.
9. GROUT THE BASEPLATES IN PLACE BETWEEN THE WELD PLATES IN ACCORDANCE WITH SECTION 03300.
10. INSTALL THE 11 GUAGE ASTM A240-304L SST LINER PANELS AS SHOWN. LINER PANELS SHALL OVERLAP EMBEDS 1 1/4 INCHES PLUS OR MINUS 1/2 INCH.
11. ALL FIELD WELDS SHALL BE VISUALLY INSPECTED AND FREE FROM DEFECTS IN ACCORDANCE WITH AWS D1.6. ALL FIELD WELDS SHALL BE EXAMINED USING NON-CHLORIDE CONTAINING DYE PENETRANT IN ACCORDANCE WITH ASME SECTION VIII, DIVISION I, APPENDIX 8.
12.  BASEPLATES SHALL BE STRAIGHT WITHIN 1/8" OVER THE ENTIRE LENGTH OF THE STRUCTURE.
13. PERSONNEL PERFORMING NON-DESTRUCTIVE EXAMINATION SHALL BE CERTIFIED PER ASNT SNT-TC-1A.

[illegible]

	RPE	DSN <i>M. facon</i>	10-23-91	 UT-BATTELLE	Oak Ridge National Laboratory, managed by UT-Battelle, LLC, for the U.S. Dep. of Energy under contract DE-AC05-80OR21454				
	DRW <i>M. facon</i>	10-23-91							
	CHK <i>M. facon</i>	10-23-91							
	DEPT								
	PE <i>M. facon</i>	11/14/91							
	PJ <i>RAD</i>	11/26/91		PROJECT NAME:					
		SPALLATION NEUTRON SOURCE							
		TARGET BUILDING							
		LINER PLAN							
		MEZZANINE LEVEL, SECTOR 45							
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